DETAILED ACTION

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Robert Summers on January 27, 2010.

The application has been amended as follows:

IN THE CLAIMS

Claim 1: A wireless communication system, comprising a remote server including a

predetermined mark-up language file; a proxy server configured to communicate with

said remote server, wherein said proxy server is programmed to receive a request to

retrieve said predetermined mark-up language file, wherein said request is transmittable

from a wireless communication device, wherein said request received from said

wireless communication device is generated in response to selection of a menu item

from among a plurality of menu items displayable with said wireless communication

device, wherein said request comprises an identifier that identifies a location for said

selected menu item within a hierarchy for said plurality of menu items, and wherein said

request is to retrieve said predetermined mark-up language file, said request being in a

first format that is converted into a second format by said proxy server, said second

format being used to retrieve said predetermined mark-up language file from said

remote server, wherein said proxy server is configured to divide said predetermined

mark-up language file into a plurality of viewable segments, said plurality of viewable

segments being a predetermined number of viewable segments, including a first

viewable segment, ~~and~~ a second viewable segment <u>and a third viewable segment</u>, said

first viewable segment and said second viewable segment each being sized less than a

display buffer and sized to fit within a viewable area of a display screen of said wireless

communication device so that a whole of any one of said viewable segments and a <u>first</u>

navigation aid are viewable at the same time in said viewable area of said display

screen, wherein said proxy server is further configured to generate said <u>first</u> navigation

aid<u>, a second navigation aid and a third navigation aid</u>, wherein said proxy server is

further configured to transmit said first viewable segment and said navigation aid in

response to said request, said navigation aid being selectable with said wireless

communication device to request said second viewable segment, said navigation aid

being configured to graphically indicate whether other viewable segments adjacent to

said first viewable segment in the mark-up language file are above, below, right, or left

of said first viewable segment, ~~and~~ wherein said proxy server is further configured to

transmit <u>said second navigation aid and said third navigation aid with</u> said second

viewable segment <u>in response to</u> ~~upon~~ receipt <u>from said wireless communication device</u>

<u>of a selection of said <u>first</u> navigation aid</u> ~~by said wireless communication device~~<u>, said</u>

<u>second navigation aid being selectable with said wireless communication device to</u>

<u>request said first viewable segment and said third navigation aid being selectable with</u>

said wireless communication device to request said third viewable segment, wherein

said proxy server is further configured to transmit said first viewable segment in

response to receipt from said wireless communication device of selection of said

second navigation aid, and wherein said proxy server is further configured to transmit

said third viewable segment in response to receipt from said wireless communication

device of selection of said third navigation aid.

Claim 6: A method of retrieving mark-up language files over a wireless communication

network, comprising: receiving an encoded request transmittable from said wireless

communication device, said encoded request containing a request for a predetermined

mark-up language file and an identifier that identifies a location for said encoded

request within a hierarchy for a plurality of encoded request; decoding said encoded

request; retrieving said predetermined mark-up language file from a remote server;

dividing said predetermined mark-up language file into a plurality of viewable segments,

said plurality of viewable segments comprising a predetermined number of viewable

segments, said plurality of viewable segments including a first viewable segment, and a

second viewable segment and a third viewable segment, said first viewable segment

and said second viewable segment each being sized to fit within a display buffer and

sized to fit within a viewable area of a display screen of said wireless communication

device; generating a first navigation aid, a second navigation aid and a third navigation

aid configured to direct retrieval of one of said plurality of viewable segments, wherein

said <u>first</u> navigation aid and said first viewable segment or said second viewable

segment are viewable simultaneously in said viewable area of said display screen, said

<u>first</u> navigation aid being configured to graphically indicate whether other viewable

segments adjacent to said first viewable segment or said second viewable segment in

the mark-up language file are above, below, right, or left of said first viewable segment

or said second viewable segment; transmitting said first viewable segment and said

navigation aid to said wireless communication device; ~~and in response to selection of~~

~~said navigation aid by said wireless communication device, transmitting said second~~

~~viewable segment~~ <u>transmitting said second navigation aid and said third navigation aid</u>

<u>with said second viewable segment in response to receipt from said wireless</u>

<u>communication device of selection of said first navigation aid, said second navigation</u>

<u>aid being selectable with said wireless communication device to request said first</u>

<u>viewable segment and said third navigation aid being selectable with said wireless</u>

<u>communication device to request said third viewable segment; transmitting said first</u>

<u>viewable segment in response to receipt from said wireless communication device of</u>

<u>selection of said second navigation aid; and transmitting said third viewable segment in</u>

<u>response to receipt from said wireless communication device of selection of said third</u>

<u>navigation aid</u>.

Claim 11: A computer network for providing information to a wireless communication device, comprising: a processor; a memory in communication with said processor, said memory configured to store proxy server logic executable by said processor to: receive a request transmittable from said wireless communication device in a first format, wherein said request is to retrieve a predetermined mark-up language file residing on a remote server, and wherein said request comprises an identifier that identifies a location for said request within a hierarchy for a plurality of requests; convert said request into a second format; transmit said request to said remote server; receive a response to said request from said remote server; separate said response into a plurality of viewable segments, said plurality of viewable segments comprising a predetermined number of viewable segments, wherein said plurality of viewable segments include a first viewable segment, ~~and~~ a second viewable segment <u>and a third viewable segment</u>, wherein each of said viewable segments are sized in accordance with a display buffer and sized to fit within a display of said wireless communication device so that an entirety of said first viewable segment or said second viewable segment is displayable simultaneously in said display of said wireless communication device; generate a <u>first</u> navigation aid<u>, a second navigation aid and a third navigation aid</u>; transmit said first viewable segment and said <u>first</u> navigation aid to said wireless communication device, wherein said <u>first</u> navigation aid is configured to graphically indicate whether other viewable segments adjacent to said first viewable segment in the mark-up language file are above, below, right, or left of said first viewable segment; ~~and transmit a second viewable segment to said wireless communication device in response to selection of said navigation aid with~~

~~said wireless communication device~~ transmit said second navigation aid and said third

navigation aid with said second viewable segment in response to receipt from said

wireless communication device of selection of said first navigation aid, said second

navigation aid being selectable with said wireless communication device to request said

first viewable segment and said third navigation aid being selectable with said wireless

communication device to request said third viewable segment, transmit said first

viewable segment in response to receipt from said wireless communication device of

selection of said second navigation aid, and transmit said third viewable segment in

response to receipt from said wireless communication device of selection of said third

navigation aid.

Claim 15: A wireless communication system, comprising: a remote server including a

predetermined mark-up language file; a proxy server configured to communicate with

said remote server, wherein said proxy server is configured to receive a request

transmittable from a wireless communication device, wherein said request is to retrieve

said predetermined mark-up language file, said request being in a first format that is

converted to a second format by said proxy server, said second format usable to

retrieve said predetermined mark-up language file from said remote server, wherein

said request comprises an identifier that identifies a location for said request within a

hierarchy for a plurality of requests, wherein said proxy server is further configured to

divide said predetermined mark-up language file into a predetermined number of

viewable segments including a first viewable segment, ~~and~~ a second viewable segment

<u>and a third viewable segment</u>, said first viewable segment and said second viewable

segment each being sized to fit within a display of said wireless communication device

so that a whole of said first viewable segment or said second viewable segment is

viewable in said display, wherein said proxy server is configured to generate a first

navigation aid associated with said first viewable segment, ~~and~~ a second navigation aid

associated with said second viewable segment<u>, and a third navigation aid</u>, wherein said

proxy server is further configured to transmit said first viewable segment and said first

navigation aid in response to said request, said first navigation aid being selectable with

said wireless communication device to request said second viewable segment, said

navigation aid being configured to graphically indicate whether other viewable segments

adjacent to said first viewable segment in the mark-up language file are above, below,

right, or left of said first viewable segment, ~~and~~ wherein said proxy server is further

configured to transmit said second viewable segment, ~~and~~ said second navigation aid

<u>and said third navigation aid</u> upon receipt of a selection of said first navigation aid by

said wireless communication device, said second navigation aid being selectable with

said wireless communication device to request said first viewable segment <u>and said</u>

<u>third navigation aid being selectable with said wireless communication device to request</u>

<u>said third viewable segment,wherein said proxy server is further configured to transmit</u>

<u>said first viewable segment in response to receipt from said wireless communication</u>

<u>device of selection of said second navigation aid, and</u> wherein said proxy server is

further configured to transmit said third viewable segment in response to receipt from

said wireless communication device of selection of said third navigation aid.

Claim 16: A method of retrieving mark-up language files over a wireless

communication network, comprising: receiving a request for a predetermined mark-up

language file from a wireless communication device, wherein said request comprises an

identifier that identifies a location for said request within a hierarchy for a plurality of

requests; retrieving said predetermined mark-up language file from a remote server;

dividing said predetermined mark-up language file into a plurality of viewable segments

that are sized to fit within a viewable area of a display screen of said wireless

communication device, said plurality of viewable segments being a predetermined

number of viewable segments including a first viewable segment, ~~and~~ a second

viewable segment and a third viewable segment; generating a first navigation aid, ~~and~~ a

second navigation aid and a third navigation aid configured to direct retrieval of said

second viewable segment and said first viewable segment, respectively, wherein said

first navigation aid and said second navigation aid are configured to graphically indicate

whether other viewable segments adjacent to said first viewable segment in the mark-

up language file are above, below, right, or left of said first viewable segment

transmitting said first navigation aid and said first viewable segment to said wireless

communication device, a whole of said first viewable segment being viewable in its

entirety simultaneously in said display screen; in response to receipt from said wireless

communication device of selection of said first navigation aid, transmitting said second

navigation aid, ~~and~~ said second viewable segment <u>and said third navigation aid</u> to said

wireless communication device, a whole of said second viewable segment being

viewable in its entirety simultaneously in said display screen; ~~and~~ in response to receipt

from said wireless communication device of selection of said second navigation aid,

transmitting said first viewable segment and said first navigation aid to said wireless

communication device<u>, and</u> <u>in response to receipt from said wireless communication</u>

<u>device of selection of said third navigation aid, transmitting said third viewable segment</u>.

Claim 17: A method of retrieving mark-up language files over a wireless

communication network, comprising: receiving with a proxy server a request for a

predetermined mark-up language file from a wireless communication device, wherein

said request comprises an identifier that identifies a location for said request within a

hierarchy for a plurality of requests; retrieving with said proxy server said predetermined

mark-up language file from a remote server; dividing with said proxy server said

predetermined mark-up language file into a plurality of viewable segments that are sized

to fit within a viewable area of a display screen of said wireless communication device,

said plurality of viewable segments being a predetermined number of viewable

segments including a first viewable segment, ~~and~~ a second viewable segment <u>and a</u>

<u>third viewable segment</u>; generating a navigation aid configured to direct retrieval of said

second viewable segment<u>, wherein said navigation aid is a first navigation aid, and</u>

<u>generating a second navigation aid and a third navigation aid</u>; ~~and~~ transmitting with said

proxy server said navigation aid and said first viewable segment to said wireless

communication device, said navigation aid selectable to request said second viewable

segment, said navigation aid being configured to graphically indicate whether other

viewable segments adjacent to said first viewable segment in the mark-up language file

are above, below, right, or left of said first viewable segment, transmitting with said

proxy server said second navigation aid and said third navigation aid with said second

viewable segment in response to receipt from said wireless communication device of

selection of said first navigation aid, said second navigation aid being selectable with

said wireless communication device to request said first viewable segment and said

third navigation aid being selectable with said wireless communication device to request

said third viewable segment, transmitting with said proxy server said first viewable

segment in response to receipt from said wireless communication device of selection of

said second navigation aid, and transmitting with said proxy server said third viewable

segment in response to receipt from said wireless communication device of selection of

said third navigation aid.

Claim 26: (Canceled)

Claim 27: (Canceled)

Claim 28: A method of retrieving mark-up language files over a wireless

communication network, comprising: transmitting with a proxy server a menu that

includes a plurality of selectable menu items to a wireless communication device, said

menu only displayable when said wireless communication device is in communication

with said proxy server, and each of said menu items associated with a respective one of

a plurality of requests for predetermined mark-up language files; receiving a request for

a predetermined mark-up language file from a wireless communication device based on

selection of a menu item from said menu with said wireless communication device,

wherein said request comprises an identifier that identifies a location for said request

within a hierarchy for said plurality of requests; retrieving said predetermined mark-up

language file from a remote server; dividing said predetermined mark-up language file

into a plurality of viewable segments that are sized to fit within a viewable area of a

display screen of said wireless communication device, said plurality of viewable

segments being a predetermined number of viewable segments including a first

viewable segment, and a second viewable segment and a third viewable segment;

generating a first navigation aid and a second navigation aid configured to direct

retrieval of said second viewable segment and said first viewable segment, respectively,

and generating a third navigation aid; transmitting said first navigation aid and said first

viewable segment to said wireless communication device, a whole of said first viewable

segment being viewable in its entirety simultaneously in said display screen, said

navigation aid being configured to graphically indicate whether other viewable segments

adjacent to said first viewable segment in the mark-up language file are above, below,

right, or left of said first viewable segment; in response to selection of said first

navigation aid with said wireless communication device, transmitting said second

navigation aid, and said second viewable segment and said third navigation aid to said

wireless communication device, a whole of said second viewable segment being

viewable in its entirety simultaneously in said display screen; ~~and~~ in response to

selection of said second navigation aid with said wireless communication device,

transmitting said first viewable segment and said first navigation aid to said wireless

communication device, and <u>in response to selection of said third navigation aid,</u>

<u>transmitting said third viewable segment</u>.

Allowance

2.   Claims 1, 4, 6, 10-12, 15-18, 20, 25 & 28.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to ASGHAR BILGRAMI whose telephone number is

(571)272-3907. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Tonia L.M. Dollinger can be reached on 571-272-4170. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. B./

Examiner, Art Unit 2443

/Larry Donaghue/

Primary Examiner, Art Unit 2454